

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Moulded Case Circuit Breaker

Name and address of the applicant

Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City, 325604
Zhejiang, P.R. China

Name and address of the manufacturer

Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City, 325604
Zhejiang, P.R. China

Name and address of the factory

Note: When more than one factory, please report on page 2

Zhejiang Tengen Electric Co., Ltd. (Yueqing Economic
Development Zone Branch) No.288 Central Avenue Development
Zone, Yueqing City, 325604 Zhejiang, P.R. China

Ratings and principal characteristics

Ue: AC380V/400V/415V; 50/60Hz; Uimp: 8kV; Ui: 1000V; Cat.A;
Ics: 36kA(x=C), 40kA(x=N), 50kA(x=L), 50kA(x=S), 70kA(x=M),
70kA(x=H); Icu: 36kA(x=C), 50kA(x=N), 50kA(x=L), 70kA(x=S),
70kA(x=M), 100kA(x=H); Pollution degree: 3; 3P/4P;
Electronic release
(for further ratings see page 2)

Trademark / Brand (if any)

TENGEN

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

TGM3E-250xy/abcdefg (x=C, N, L, S, M, H; y=Blank, Z, P;
a=3, 4; b=3; c=00, 08, 10, 20, 21, 30, 40, 41, 50, 51,
52, 70, 71, 18, 38, 48, 28, 78, 55, 58, 47, 56, 68, 77;
d=Blank, 2; e=B, C; f=Blank, III; g=Blank, E1, E2, E3,
E4, E5)

Additional information (if necessary may also be reported on page 2)

See additional page(s) for further Additional information.

A sample of the product was tested and found to be in conformity with

IEC 60947-2:2024
IEC 60947-1:2020

As shown in the Test Report Ref. No. which forms part of this Certificate

CN260UGK 001

This CB Test Certificate is issued by the National Certification Body

TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2026-04-29

Signature: Wencai Zhang

Additional information :

Technical Data

Rated Current of Electronic Release(In) : 160A(63A~160A adjustable+OFF),
250A(100A~250A adjustable+OFF)
Rated Instantaneous Short-circuit : (3~14)Ir adjustable+OFF;
Current Setting(Ii) (4~12)Ir adjustable+OFF
(g=E4, E5)
Conventional Free Air Thermal Current(Ith): Same as In
Rated Short-circuit Withstand Current(Icw): 3kA/1s
Suitability for Isolation : Yes
Method of Installation : Fixed, Plug-in, Withdrawable
Tripping Class : 10A, 10, 20, 30

Shunt Release(MX3M12) :
Us: AC220/230/240V, AC380/400/415V, 50/60Hz; DC110V, DC220V, DC24V;
Ui: 690V; Uimp: 4kV

Auxiliary(OF3M12) and Alarm(SD3M12) Contacts:
AC-15: AC380/400/415V/0.3A; 50/60Hz; DC-13: DC110/220/250V/0.15A;
1NO1NC; 2NO2NC; Ui:690V; Uimp:4kV; Ith=5A

Electronic Accessories in Compliance with Annex N :
Undervoltage Release(MN3M12) :
Us: AC220/230/240V, AC380/400/415V; 50/60Hz; Ui: 800V; Uimp: 4kV
Motor-operators(CD3M25-x(x=A1, A2, D1)) :
Us: AC/DC110/220/230/240V(x=A1), AC380/400/415V(x=A2), DC24V(x=D1);
Ui: 690V; Uimp: 4kV
Overload Alarm Module :
Us: AC220/230/240V, AC380/400/415V, 50/60Hz; DC24V



Date: 2026-04-29

Signature:

as on page 1